

**1. A Tribute to Prof. Eusebio Juaristi (EJ-1405CT)**

*Ernest L. Eliel*

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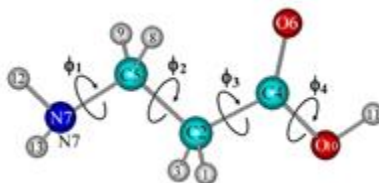
accepted Dec 6 2004; published Feb 18 2005;

**2. Ab initio study of  $\alpha$ -alanine conformers in gas phase (EJ-1299CP)**

*Annia Galano, J. Raúl Alvarez-Idaboy*

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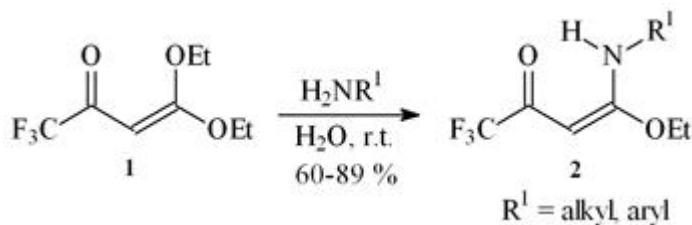
received Dec 9 2004; accepted Feb 16 2005; published Feb 19 2005;

**3. Synthesis of trifluoroacetylketene *O,N*-acetals in water (EJ-1355CP)**

*Hélio A. Stefani, Claudio M. P. Pereira, Felipe A. D'Almeida and Rodrigo Cella*

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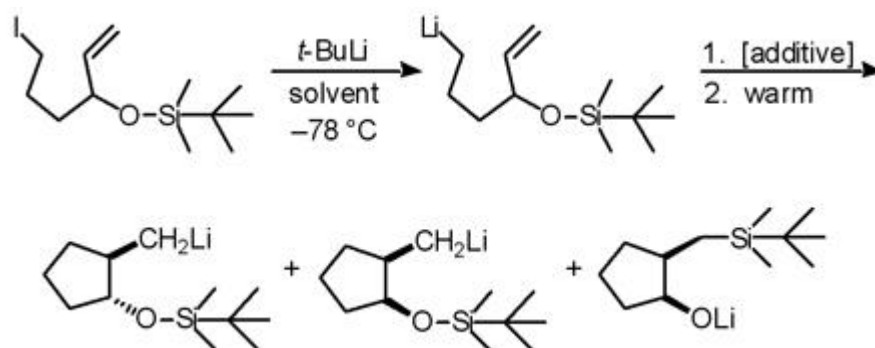
received Feb 3 2005; accepted Mar 18 2005; published Mar 26 2005;

**4. Stereochemistry of the cyclization of 4-(*t*-butyldimethyl)siloxy-5-hexenyllithium: *cis*-selective ring-closure accompanied by retro-[1,4]-Brook rearrangement (EJ-1372CP)**

William F. Bailey and Xinglong Jiang

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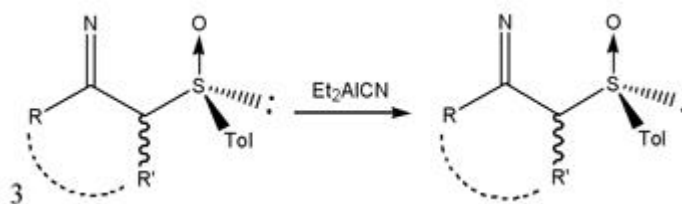
received Feb 19 2005; accepted Mar 18 2005; published Apr 1 2005;

**5. Reactions of enantiopure  $\alpha$ -ketimino sulfoxides with  $\text{Et}_2\text{AlCN}$ . Scope and limitations in asymmetric synthesis of  $\alpha$ -amino nitriles (EJ-1381CP)**

José L. García Ruano, Marta Cifuentes García, Angel L. Navarro, Francisco Tato and Ana M. Martín Castro

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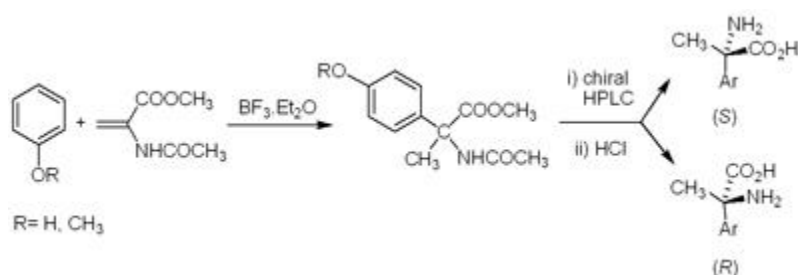
received Mar 10 2005; accepted Apr 6 2005; published Apr 10 2005;

**6. Application of a new methodology for the synthesis of  $\alpha$ -methyl- $\alpha$ -arylglycines using methyl acetamidoacrylate as an  $\alpha$ -methylglycine cation equivalent (EJ-1377CP)**

Elena Royo, Pilar Lázaro and Carlos Cativiela

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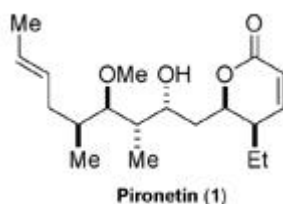
received Mar 4 2005; accepted Apr 12 2005; published Apr 14 2005;

### 7. Total synthesis of the potent immunosuppressant (-)-Pironetin (EJ-1395CP)

Luiz C. Dias, Luciana G. de Oliveira, MÃjrcio A. de Sousa and Ricardo M. Ellensohn

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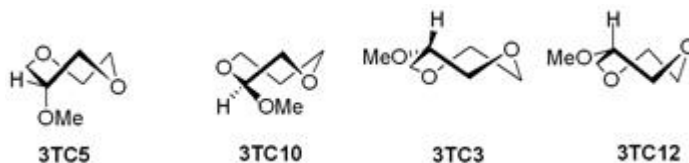
received Mar 19 2005; accepted Apr 12 2005; published Apr 19 2005;

### 8. Rules for predicting the conformational behavior of saturated seven-membered heterocycles (EJ-1383CU)

Antonio Entrena, JoaquÃn M. Campos, Miguel A. Gallo and Antonio Espinosa

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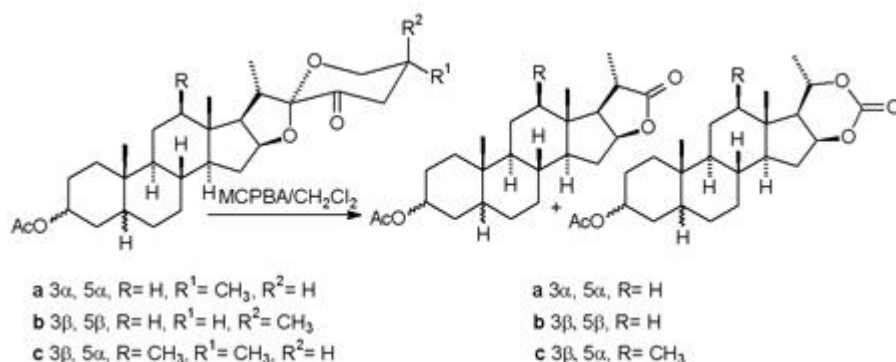
received Mar 10 2005; accepted Apr 15 2005; published Apr 19 2005;

### 9. The Baeyer-Villiger reaction of 23-oxosapogenins (EJ-1378CP)

MartÃn A. Iglesias-Arteaga, Gustavo A. VelÃjzquez-Huerta, JosÃ© M. MÃ©ndez-Stivalet, Annia Galano and J. RaÃ¶l Alvarez-Idaboy

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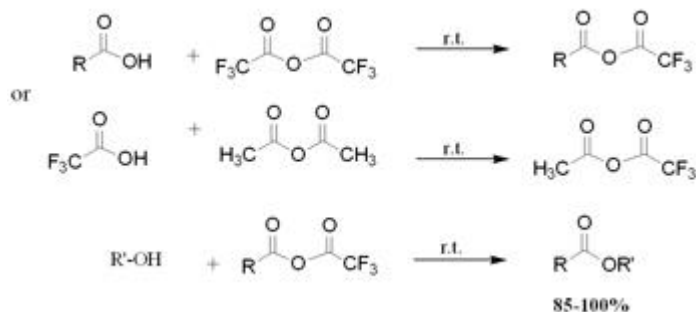
received Mar 8 2005; accepted Apr 22 2005; published Apr 24 2005;

#### 10. *In situ* preparation of mixed anhydrides containing the trifluoroacetyl moiety. Application to the esterification of cholesterol and phenol (EJ-1500CP)

Sara Montiel-Smith, Socorro Meza-Reyes, Omar ViÑas-Bravo, Mar a A. Fern ndez-Herrera, Roxana Mart nez-Pascual, Jes s Sandoval-Ram rez, Ariadna Fuente, Mayra Reyes and Jos  A. Ruiz

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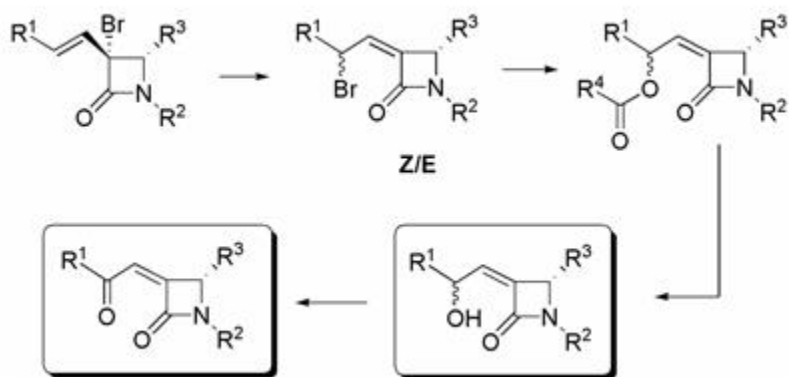
received Mar 24 2005; accepted Apr 24 2005; published Apr 25 2005;

#### 11. Introduction of hydroxyl- or keto- functionalities in azetidin-2-ones side chain via allylic bromide rearrangement, followed by supported reagent substitution (EJ-1390CP)

Fides Benfatti, Giuliana Cardillo, Serena Fabbroni, Luca Gentilucci, Rossana Perciaccante and Alessandra Tolomelli

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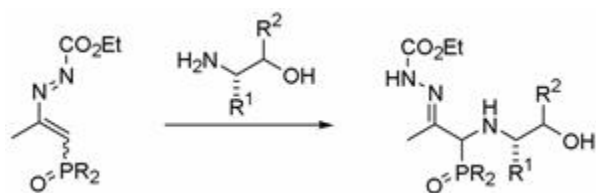
received Mar 17 2005; accepted Apr 25 2005; published Apr 27 2005;

**12. An efficient synthesis of functionalized  $\alpha$ -amino-phosphine oxides and -phosphonates by addition of aminoalcohols to 4-phosphorylated-1,2-diaza-1,3-butadienes (EJ-1504CP)**

*Francisco Palacios, Domitila Aparicio, Jesús M. de los Santos, Roberto Ignacio and Yago L<sup>3</sup>pez*

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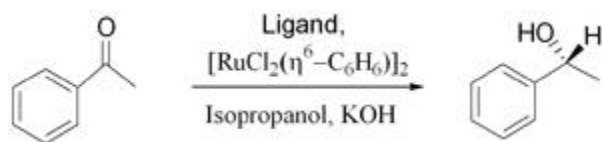
received Mar 30 2005; accepted May 2 2005; published May 4 2005;

**13. Transfer hydrogenation reduction of ketone catalyzed by Ru(II) and Rh(I) complexes with ligands derived from (1*R*,2*R*)-cyclohexane-1,2-diamine (EJ-1502CP)**

*Norma Aid<sup>3</sup>@ Cortez, Celia Z. Flores-L<sup>3</sup>pez, Ramón Rodr<sup>3</sup>guez-Apodaca, Luc<sup>3</sup>a Z. Flores-L<sup>3</sup>pez, Miguel Parra-Hake and Ratnasamy Somanathan*

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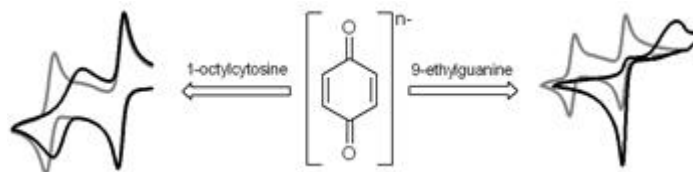
received Mar 21 2005; accepted May 2 2005; published May 4 2005;

**14. Interaction of the reduced species of 1,4-benzoquinone with alkylated cytosine and guanine nucleobases (EJ-1389CP)**

*Magali Salas, Barbara Gordillo, Felipe J. González*

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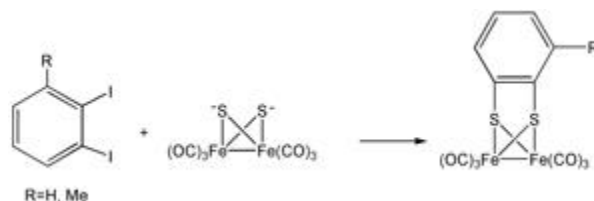
received Mar 15 2005; accepted May 2 2005; published May 4 2005;

**15. Reaction of  $(\mu-S)_2Fe_2(CO)_6$  dianion with 1,2-vinyl and aryl diiodides (EJ-1398CP)**

*Richard S. Glass and Maya S. Singh*

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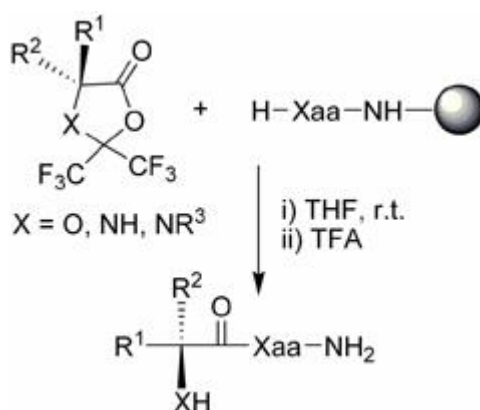
received Mar 24 2005; accepted May 3 2005; published May 5 2005;

**16. Application of hexafluoroacetone as protecting and activating reagent in solid phase peptide and depsipeptide synthesis (EJ-1507CP)**

*Fernando Albericio, Klaus Burger, Tommaso Cupido, Javier Ruiz, Jan Spengler*

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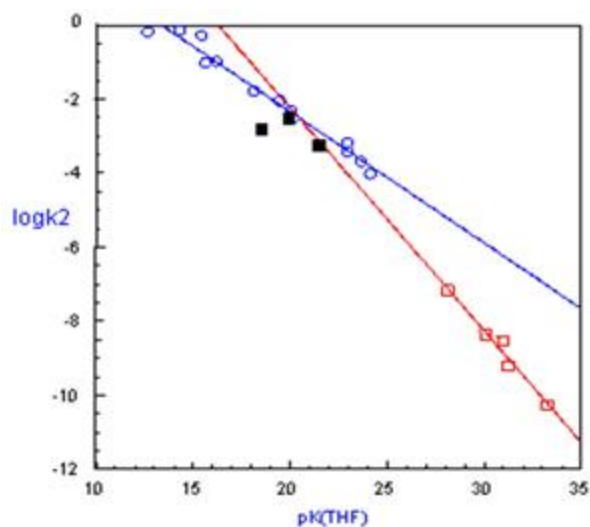
received Mar 30 2005; accepted May 3 2005; published May 5 2005;

### 17. The Brønsted correlation for phenalene hydrocarbons (EJ-1384CP)

Andrew Streitwieser, Michael J. Kaufman, Daniel A. Bors, Craig A. MacArthur, James T. Murphy and Francois Guibault

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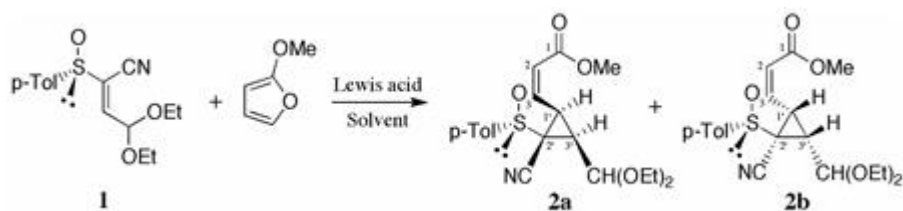
received Mar 10 2005; accepted May 11 2005; published May 14 2005;

### 18. Asymmetric synthesis of cyclopropanes by reaction of (2E,SS)-(+)-4,4-diethoxy-2-[(4-methylphenyl)sulfinyl]but-2-enenitrile and 2-methoxyfuran (EJ-1509CP)

David Cruz Cruz, Francisco Yuste, Eduardo Díaz, Benjamín Ortiz, Rubén Sánchez-Obregón, Fernando Walls and José L. García Ruano

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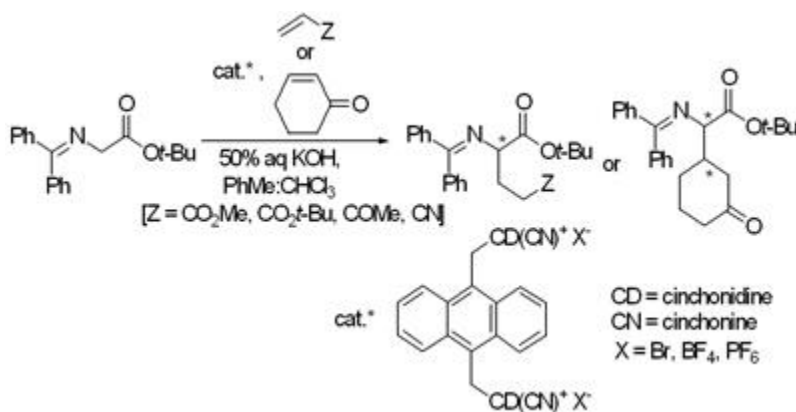
received Apr 1 2005; accepted May 18 2005; published May 21 2005;

### 19. Enantioselective Michael reactions promoted by recoverable dimeric anthryl-derived Cinchona phase-transfer catalysts (EJ-1399CP)

Rafael Chinchilla, Patricia Maz  n, Carmen N  jjera, Francisco J. Ortega and Miguel Yus

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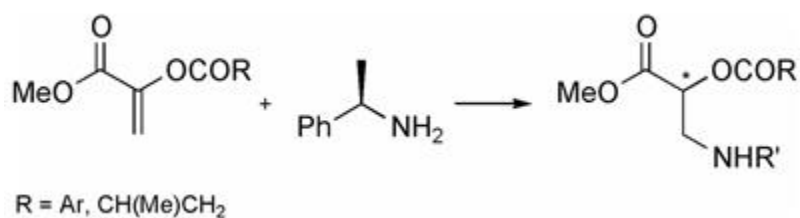
received Mar 23 2005; accepted May 18 2005; published May 21 2005;

### 20. A new diastereoselective approach to the synthesis of $\alpha$ -hydroxy- $\beta$ -amino acids based on the frame of captodative olefins (EJ-1521CP)

Rafael Herrera, Hugo A. Jim  nez-V  zquez and Joaqu  n Tamariz

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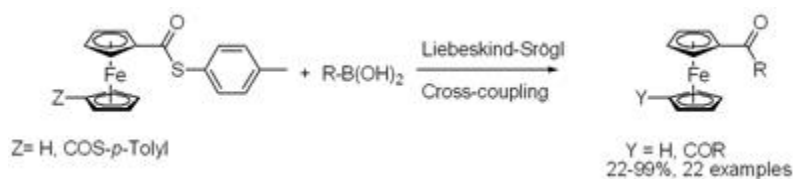
received Apr 22 2005; accepted Jun 7 2005; published Jun 20 2005;

## 21. Synthesis of arylferrocenylketones (EJ-1542CP)

*Cristina G. Rodríguez-Cendejas, Lanny S. Liebeskind and Eduardo Peñã-Cabrera*

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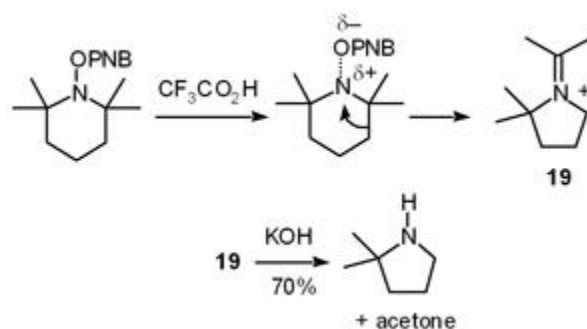
received May 24 2005; accepted Jun 21 2005; published Jun 30 2005;

## 22. The search for aliphatic nitrenium ions from solvolysis of *N*-carboxylates and *N*-sulfonates (EJ-1506CP)

*Huda Henry-Riyad, Shinjiro Kobayashi and Thomas T. Tidwell*

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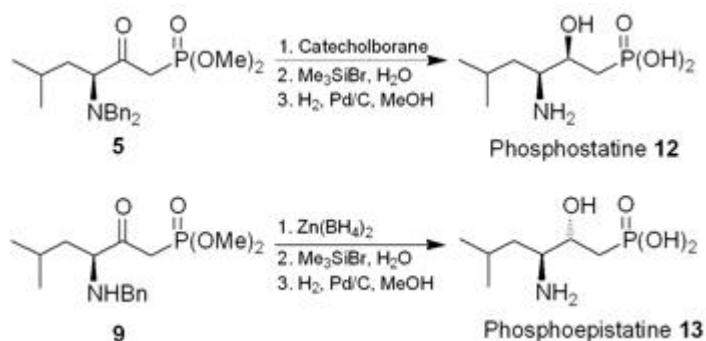
received Mar 30 2005; accepted Jun 21 2005; published Jun 30 2005;

**23. Preparation of phosphostatine and phosphoepistatine from L-leucine via high diastereoselective reduction of 3-amino-2-ketophosphonates (EJ-1547CP)**

Ricardo De la Cruz-Cordero, Emanuel Hernández-Nájera, Mario Fernández-Zertuche, Miguel Ángel Muñoz-Hernández and Mario Ordóñez

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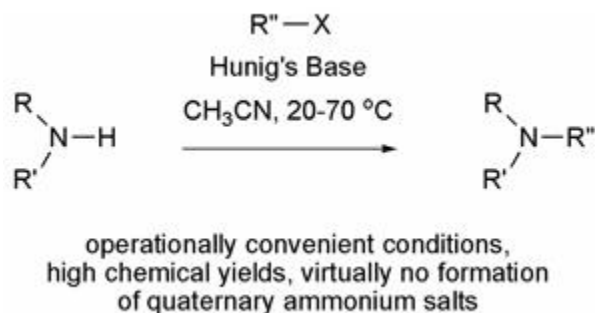
received May 31 2005; accepted Jul 13 2005; published Jul 19 2005;

**24. An efficient and operationally convenient general synthesis of tertiary amines by direct alkylation of secondary amines with alkyl halides in the presence of Hunig's base (EJ-1549CP)**

Jason L. Moore, Stephen M. Taylor and Vadim A. Soloshonok

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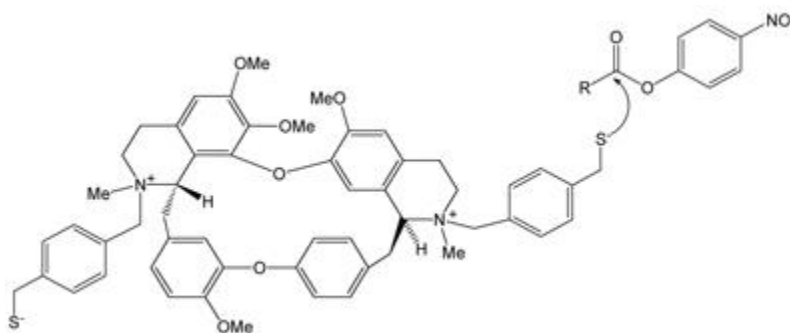
received Jun 3 2005; accepted Jul 19 2005; published Jul 26 2005;

**25. Ester cleavage by S,S-(+)-tetrandrine bearing attached thiol groups (EJ-1585CP)**

Karen Ochoa Lara, Carolina Godoy-Alcántara, Alexey V. Eliseev and Anatoly K. Yatsimirsky

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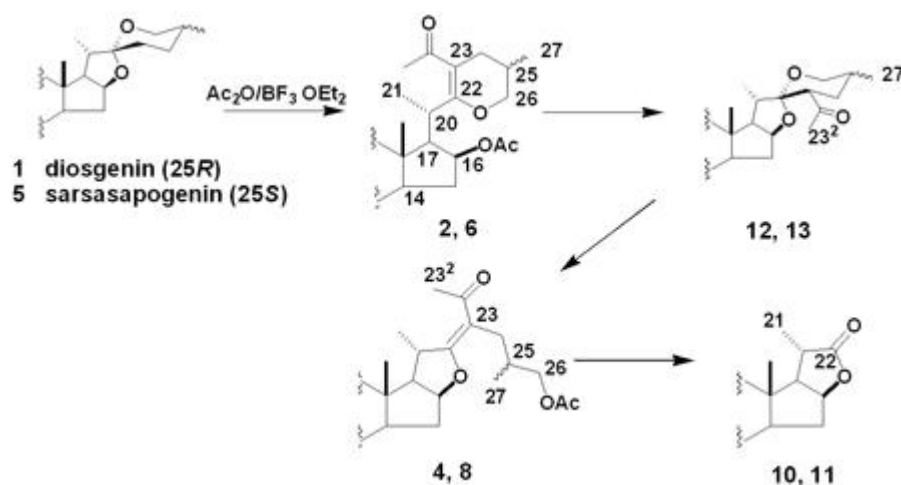
received Jun 29 2005; accepted Aug 11 2005; published Aug 16 2005;

## 26. $\alpha$ -Alkoxy- $\alpha$ -unsaturated ketone systems in steroidal frameworks, and their conversion to 23,24- bisnorcholane lactones (EJ-1569CP)

Socorro Meza-Reyes, Jesús Sandoval-Ramírez, Sara Montiel-Smith, Guadalupe Hernández-Linares, Omar Viñas-Bravo, Roxana Martínez-Pascual, María A. Fernández-Herrera, José L. Vega-Báñez, Penlope Merino-Montiel, Rosa L. Santillán, Norberto Farfán, Susana Rincón, Rosa E. del Razo

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received Jun 25 2005; accepted Aug 11 2005; published Aug 17 2005;

## 27. A fully-telescoped, aqueous, auxiliary-mediated asymmetric transformation (EJ-1566CP)

Mathew P.D. Mahindaratne, Brian A. Quiñones, Antonio Recio III, Erik A. Rodriguez, Frederick J. Lakner and George R. Negrete

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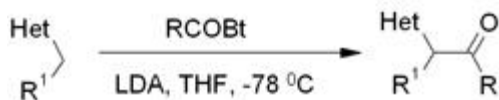
received Jun 22 2005; accepted Aug 12 2005; published Aug 17 2005;

**28. A convenient access to 1-substituted-2-azinyl-1-ethanones *via* acylation of alkylated azines with *N*-acylbenzotriazoles** (EJ-1556CP)

*Alan R. Katritzky, Ashraf A. A. Abdel-Fattah and Rena G. Akhmedova*

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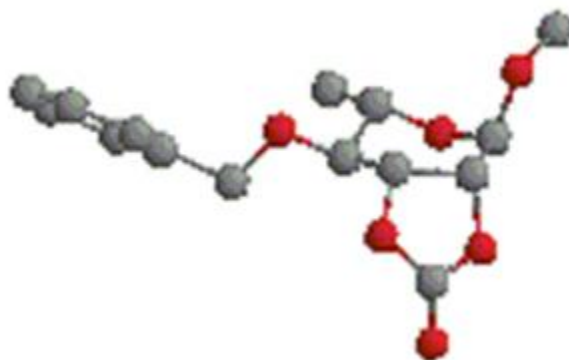
received Jun 15 2005; accepted Aug 12 2005; published Aug 17 2005;

**29. Approximate <sup>1</sup>H<sub>5</sub> ring conformation of 2,3-*O*-carbonate protected α- and β-L-rhamnopyranosides as confirmed by X-ray crystallography** (EJ-1580CP)

*David Crich, A. U. Vinod, John Picione and Donald J. Wink*

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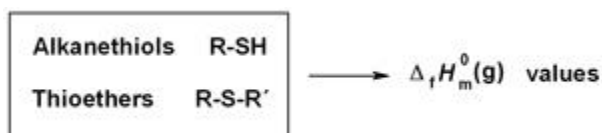
received Jun 29 2005; accepted Aug 12 2005; published Aug 17 2005;

**30. The thermochemistry of alkanethiols and thioethers. Estimation of the enthalpies of formation of 1,3-dithiapropane and 1,3,5-trithiapentane (EJ-1546CP)**

Rafael Notario and Mar  a Victoria Roux

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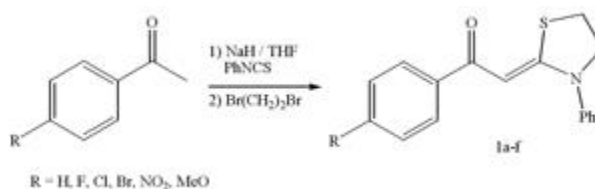
received May 30 2005; accepted Aug 11 2005; published Aug 18 2005;

**31. Improved approaches in the synthesis of new 2-(1,3-thiazolidin-2-yliden)acetophenones (EJ-1528CP)**

M. Carmen Ortega-Alfaro, Jos   G. L  pez-Cort  s, Hiram Rangel S  nchez, Rub  n A. Toscano, Guillermo Penierres Carrillo, Cecilio   lvarez-Toledano

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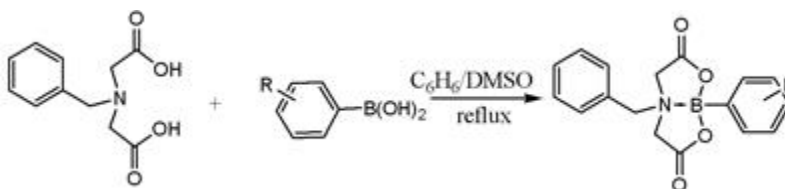
received May 3 2005; accepted Aug 12 2005; published Aug 18 2005;

**32. Synthesis and characterization of new (N  B) phenyl substituted[N-benzyliminodiacetate-O,O',N]boranes (EJ-1581CP)**

Teresa Mancilla, Luis S. Zamudio-Rivera, Hiram, I. Beltr  n, Rosa Santillan and Norberto Farf  n

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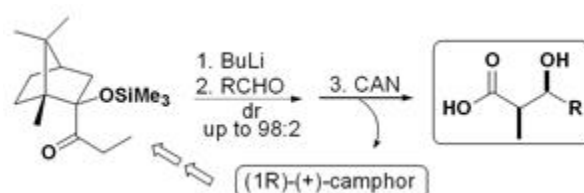
received Jun 29 2005; accepted Aug 12 2005; published Aug 18 2005;

**33. Asymmetric propionate aldol reactions of a chiral lithium enolate accessible from direct enolization with *n*-butyllithium (EJ-1555CP)**

Claudio Palomo, Mikel Oiarbide, Enrique G<sup>3</sup>mez-Bengoa, Antonia Mielgo, M. Concepci<sup>3</sup>n Gonz<sup>3</sup>lez-Rego, Jes<sup>3</sup>s M. Garc<sup>3</sup>a, Alberto Gonz<sup>3</sup>lez, Jos<sup>3</sup>@ M. Odriozola, Patricia Ba<sup>3</sup>uelos, Anthony Linden

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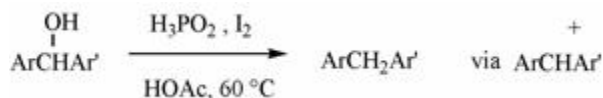
received Jun 14 2005; accepted Aug 12 2005; published Aug 22 2005;

**34. Further studies on the reduction of benzylic alcohols by hypophosphorous acid/iodine (EJ-1559CP)**

Paul E. Gordon, Albert J. Fry and Latorya D. Hicks

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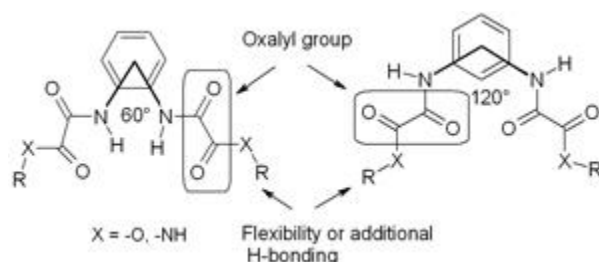
received Jun 17 2005; accepted Aug 15 2005; published Aug 23 2005;

**35. Switching from twisted to planar oxamide molecular cavities through intramolecular three centered hydrogen bonding (EJ-1588CP)**

Itzia I. Padilla-Mart<sup>3</sup>nez, Francisco J. Mart<sup>3</sup>nez-Mart<sup>3</sup>nez, Cristian I. Guill<sup>3</sup>@n-Hern<sup>3</sup>andez, Mar<sup>3</sup>a Chaparro-Huerta, Laura C. Cabrera-P<sup>3</sup>@rez, Carlos Z. G<sup>3</sup>mez-Castro, Beatriz A. L<sup>3</sup>@pez-Romero and Efr<sup>3</sup>@n V. Garc<sup>3</sup>a-B<sup>3</sup>ajez

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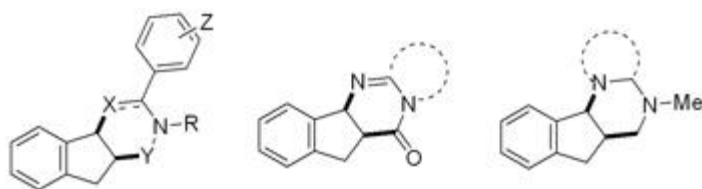
received Jul 1 2005; accepted Aug 18 2005; published Aug 23 2005;

### 36. Synthesis of the new ring systems indeno[1,2-*d*]pyrimidinones, indeno[1,2-*e*]pyrrolo[1,2-*a*]pyrimidinones and indeno[1,2-*e*]pyrimido[1,2-*a*]izoindoles (EJ-1558CP)

*Márta Palkó<sup>3</sup>, Márta Dervarics, Ferenc Fülöp*

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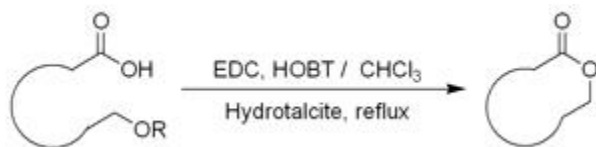
received Jun 17 2005; accepted Aug 20 2005; published Aug 23 2005;

### 37. The first example of macrolactonization of $\omega$ -hydroxy acids catalyzed by calcined Mg-Al hydrotalcite (EJ-1578CP)

*Jorge Cárdenas, José Antonio Morales-Serna, Ericka Sánchez, Rubén Gaviño, Leticia Lomas, Nah Guerra, Guillermo Negrón*

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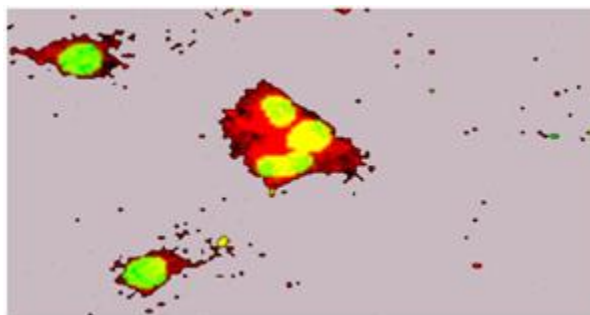
received Jun 28 2005; accepted Aug 26 2005; published Aug 30 2005;

### 38. Fluorescence microscopy in the intracellular localization of non-cationic porphyrins in malignant cells (EJ-1536CP)

*Efrañ Barragñ, Barbara Gordillo, Genaro Vargas, Ma. Teresa Cortez, Blanca E. Jaramillo, Sañl Villa-Treviñ, Samia Fattel-Fazenda, Jaime Ortega and Luis Velazco*

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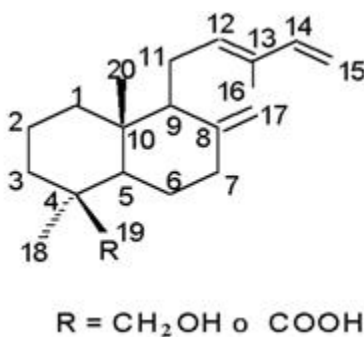
received May 16 2005; accepted Aug 26 2005; published Aug 30 2005;

**39. Assignment of vibrational spectra of labdatriene derivatives and ambers: A combined experimental and density functional theoretical study (EJ-1567CP)**

*Manuel Villanueva-García, Antonio Martínez-Richa and Juvencio Robles*

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received Jun 22 2005; accepted Sep 25 2005; published Oct 6 2005;

**40. Hybridization and cellular uptake properties of lipophilic oligonucleotide-dendrimer conjugates (EJ-1577CP)**

*Konstantinos Skobridis, Dieter Håskén, Paul Nicklin and Robert Håxner*

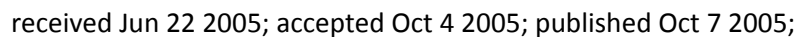
Full Text: [PDF \(262K\)](#)

Supplementary Material: [PDF \(146K\)](#)

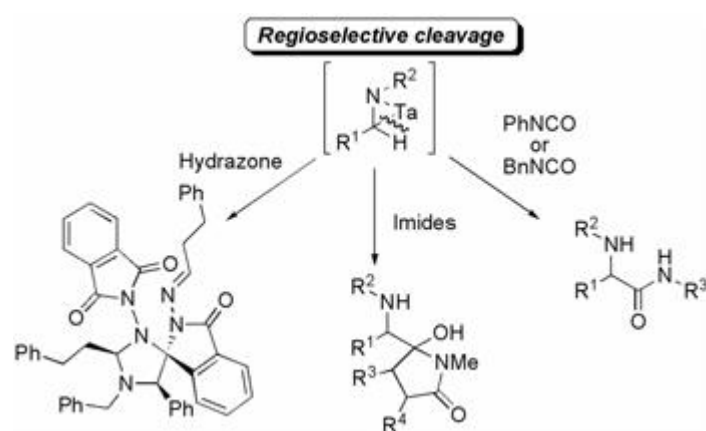
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